

ABSTRACT

This invention relates to a pressure sensor comprising a diaphragm and at least one measuring element, which is situated on the diaphragm while serving to measure a deflection of the diaphragm. A holding element is placed on at least one surface of the diaphragm in order to accommodate a seal element, whereby this holding element has a through hole, which faces the diaphragm surface while having a cross-section that corresponds to the outer contour of a seal element to be accommodated.